



CHOATE, HALL & STEWART

A PARTNERSHIP INCLUDING PROFESSIONAL CORPORATIONS

EXCHANGE PLACE

53 STATE STREET

BOSTON, MASSACHUSETTS 02109-2804

TELEPHONE (617) 248-5000 • FAX (617) 248-4000

WWW.CHOATE.COM



MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Express Mail No.: EV 314103343 US
Attorney's Docket No.: 0492611-0510
Date Filed: September 23, 2003

UTILITY PATENT APPLICATION TRANSMITTAL (FOR NEW NONPROVISIONAL APPLICATIONS UNDER 37 C.F.R. § 1.53(B))

Dear Sir:

Please find enclosed a patent application and papers as follows for:

Inventor(s):

Given Name (first and middle)	Family Name or Surname	Residence (City and State or Foreign Country)
Scott	Manalis	Santa Barbara, CA 93111
Thomas	Burg	Maur, Switzerland

Title of the Invention: Fabrication and Packaging of Suspended Microchannel Detectors

A) APPLICATION ELEMENTS:

- 1) ☐ **Fee Transmittal Form** (original and duplicate submitted for fee processing)
- 2) ☒ **Applicant Claims Small Entity Status** (see 37 CFR 1.27)
 - a) ☐ Statement Verifying Small Entity Status (optional)
- 3) ☒ **Specification**

TOTAL PAGES: 47

- Descriptive Title of the Invention
- Government Support
- Background of the Invention

- Summary of the Invention
- Brief Description of the Drawings
- Detailed Description
- Examples
- Claim(s)
- Abstract

4) ☒ **Drawing(s)** (35 U.S.C. § 113) TOTAL SHEETS: 11

5) ☐ **Oath or Declaration** TOTAL PAGES:

- a) ☐ Newly Executed (original or copy)
- b) ☐ Copy from a prior application (37 C.F.R. § 1.63(d))-for continuation/divisional application
 - i) ☐ DELETION OF INVENTOR(S): Signed Statement deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
- c) ☐ Unexecuted

6) ☐ **Application Data Sheet.** See 37 CFR 1.76.

7) ☐ **CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)**

8) ☐ **Nucleotide and/or Amino Acid Sequence Submission** (if applicable, all are necessary)

- a) ☐ Computer Readable Form (CRF)
- b) ☐ Specification Sequence Listing on:
 - i) ☐ CD-ROM or CR-R (2 copies); or
 - ii) ☐ Paper
- c) ☐ Statements verifying identity of above copies

B) ACCOMPANYING APPLICATION PARTS:

9) ☐ **Assignment Papers**

10) ☐ **37 C.F.R. § 3.73(b) Statement** (when there is an assignee)

- 11) ☐ **Power of Attorney**
- 12) ☐ **English Translation Document** (if applicable)
- 13) ☐ **Information Disclosure Statement (IDS)/PTO-1449**
- 14) ☐ **Copies of IDS Citations**
- 15) ☐ **Preliminary Amendment**
- 16) ☒ **Return Receipt Postcard (MPEP 503)** (specifically itemized)
- 17) ☐ **Certified Copy of Priority Document(s)** (if foreign priority is claimed)
- 18) ☐ **OTHER:** (if applicable, specified below)
Establishing the Right of Assignee to Take Action (37 C.F.R. 3.73(b))

C) FOR CONTINUING APPLICATIONS: (the appropriate box is checked, and certain information is provided below and in a preliminary amendment)

☐ CONTINUATION

☐ DIVISIONAL

☐ CONTINUATION-IN-PART (CIP)

OF PRIOR APPLICATION NO: _____

FILED: _____

EXAMINER: _____

GROUP/ART UNIT: _____

FOR CONTINUATION OR DIVISIONAL APPLICATIONS ONLY: The entire disclosure of the prior application, from which an oath or declaration is supplied as detailed above, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

D) METHOD OF PAYMENT OF FILING FEES FOR THIS APPLICATION:

☐ Applicant claims small entity status 37 CFR 1.27

☐ A check is enclosed to cover the filing fees as determined on the fee transmittal enclosed herewith

Express Mail No.: EV 314103343 US
Date Filed: September 23, 2003

☐ The commissioner is hereby authorized to charge any additional filing fees or credit any overpayment to deposit account number 03-1721.

Total filing fee amount _____

E) **CORRESPONDENCE ADDRESS:**



☒ Customer Bar Code Label: 24280
PATENT TRADEMARK OFFICE

☒ Correspondence Address:

Theresa A. Devlin, Ph.D., Esq.
Choate, Hall & Stewart
53 State Street
Exchange Place
Boston, MA 02109
phone: (617) 248-5000
fax: (617) 248-4000

Respectfully Submitted,

Dated: 9/23/03

Theresa A. Devlin
Theresa A. Devlin
Registration No. 45,361

CHOATE, HALL & STEWART
53 State Street
Exchange Place
Boston, MA 02109
Phone: (617) 248-5000
Fax: (617) 248-4000

Certificate of Mailing

I certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

September 23, 2003
Date

Linda M. Amato
Signature

Linda M. Amato

Typed or Printed Name of person signing certificate